



SP 9-93

COAST GUARD SPECIAL PERMIT 9-93

This Special Permit is issued pursuant to 46 CFR 148.01-9 of the U.S. Coast Guard (USCG) Carriage of Solid Hazardous Materials in Bulk Regulations to authorize bulk shipments of ammonium nitrate fertilizers under the conditions described below. This permit does not relieve any shipper or carrier from compliance with any applicable requirement of 46 CFR 148 of the USCG Regulations, except as specifically provided for herein.

1. **BASIS:** Helm Fertilizer Corporation letter of December 1, 2003.
2. **COMMODITY:** Fertilizer grade ammonium nitrate.
3. **PROPER SHIPPING NAME, UN NUMBER AND DESCRIPTION:**
AMMONIUM NITRATE FERTILIZER. UN 2067.

Uniform non-segregating mixtures of ammonium nitrate with added material which is inorganic and chemically inert toward ammonium nitrate, with not less than 90% ammonium nitrate and not more than 0.2% combustible material (including organic material calculated as carbon).
4. **REGULATION WAIVED OR AFFECTED:** 46 CFR 148.01-7.
5. **AUTHORIZED SHIPPER:** Helm Fertilizer Corporation, 10002 Princess Palm Avenue, Suite 312, Tampa FL 33619.
6. **MODES OF TRANSPORTATION AUTHORIZED:** Cargo vessel and covered unmanned barge.
7. **CLASSIFICATION:** Class 5.1 (oxidizer).
8. **PROPERTIES:** Ammonium nitrate fertilizer will support combustion if involved in fire with combustible material. Ammonium nitrate fertilizer can burn vigorously if contaminated with liquid fuel, and when contaminated, may explode if shocked or confined. If strongly heated, they decompose, giving off toxic gases and gases that support combustion.

9. SPECIAL TRANSPORTATION REQUIREMENTS:

- a. The shipments must be made to or from a designated waterfront facility that meets the requirements of 33 CFR 126.05(a) or a midstream anchorage acceptable to the cognizant Coast Guard Captain of the Port.
- b. The cognizant Coast Guard Captain of the Port must be informed at least 24 hours in advance of cargo handling operations.
- c. The shipper or consignee shall inform the master of the vessel or the person in charge of the tug or towboat of the safety precautions and emergency procedures associated with the handling of ammonium nitrate fertilizer.
- d. The loading and unloading of the bulk cargo must be supervised by a person familiar with the safety precautions and emergency procedures associated with handling ammonium nitrate fertilizer.
- e. The loading and unloading operators must be trained in the appropriate safety precautions and emergency procedures for handling ammonium nitrate fertilizer.
- f. Cargo holds and barges must be inspected for cleanliness and must be free of combustible materials before loading.
- g. Cargo hatches must be inspected for watertightness before loading.
- h. Fire hoses shall be laid out or in position near loading and unloading operations and be operable at all times.
- i. The temperature of the ammonium nitrate fertilizer must be below 54.4°C (130°F) before loading.
- j. Smoking, the carrying of matches and lighting devices, and the performance of hot work by any person shall be prohibited on the vessel or barge during loading and unloading operations and at any time in the vicinity of a loaded cargo hold of a vessel or on a loaded barge. The area in the vicinity of cargo handling operations and the loaded vessel or barge itself shall be posted with appropriate warning signs.
- k. No other material may be stowed in the same cargo hold or barge with ammonium nitrate fertilizer.
- l. The requirements of the following subparagraphs apply only when ammonium nitrate fertilizer is transported by cargo vessel:
 - (1) During loading and unloading operations, bunkering or transferring of fuel is prohibited.
 - (2) Ammonium nitrate fertilizer must be separated by a complete cargo compartment or hold from combustible materials, chlorates, chlorides, chlorites, hypochlorites, nitrites, permanganates and fibrous materials.

- (3) Each electrical circuit that terminates in a cargo hold containing ammonium nitrate fertilizer must be electrically disconnected from the power source at a point external to the hold. The point of disconnection shall be tagged to warn persons against reenergizing these circuits. This condition shall be maintained as long as the cargo is on board the vessel.
 - (4) The bulkhead between a cargo space containing ammonium nitrate fertilizer and the engine room must be insulated to Class A-60 or an equivalent arrangement.
 - m. After unloading ammonium nitrate fertilizer the cargo hold of the vessel or the cargo compartment of the barge shall be cleaned thoroughly before a different cargo is loaded.
 - n. Each bill of lading, shipping paper or other shipping document issued in connection with the shipment of ammonium nitrate fertilizer under the terms of this permit must bear the notation "USCG Special Permit 9-93."
 - o. A copy of this permit must be on board the vessel when transporting ammonium nitrate fertilizer. When transported by barge, a copy of this permit must be on board the tug or towing vessel. When the barge is moored, the shipping paper and a copy of this special permit must remain on the barge.
10. **REPORTING REQUIREMENTS:** Any incident or casualty occurring while shipping under the terms of this permit shall be reported in accordance with 49 CFR 171.15, and a copy of the written report forwarded to the Commandant (G-MSO-3), U.S. Coast Guard, 2100 Second Street, S.W., Washington, DC 20593-0001 at the earliest practicable moment. In addition, a record of experience under the terms of this special permit including any casualties or difficulties encountered must be sent to the Commandant (G-MSO-3) upon request for renewal.
11. **EXPIRATION DATE:** February 28, 2004.

Authorized by:

 R. F. CORBIN
 Commander, U.S. Coast Guard
 Chief, Hazardous Materials Standards Division
 By direction of the Commandant

February 29, 2000
 DATE